

UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:

KUNIEDA et al.

Art Unit: 2623

Application Serial No.: 09/972,200

Examiner: Siangchin

Filed: October 9, 2001

Docket No.: 8215.129

Title: SYSTEM FOR FINGERPRINT AUTHENTICATION BASED ON RIDGE SHAPE INFORMATION

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

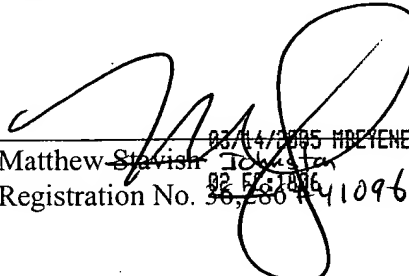
March 10, 2005

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the information item(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each item(s) is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the item(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom. However, Applicant reserves the right to remove references from the prior art to the extent permitted by its claim to foreign priority and dated invention.

- ☒ 1. This Information Disclosure Statement is being first filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance.
- ☒ a. Attached is our check in the amount of \$180.00 in payment of the fee under 37 CFR §1.17(p). Please credit or debit Deposit Account No. 50-0548 as needed to ensure consideration of the disclosed information.

Respectfully submitted,


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FORM PTO/SB/08 (08-08) Substitute for form 1449/PTO US DEPT. OF COMMERCE PATENT & TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		ATTY DOCKET NO. 8215.129		APPLICATION NO. 09/972,200		
		APPLICANT(S) KUNIEDA et al.				
		FILING DATE October 9, 2001		GROUP 2623		
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
		5,337,369	8/9/1994	SHIBUYA		
FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
		EP 0 339 527 A2	11/2/1989	EUROPE		
		EP 0 965 817 A1	12/22/199	EUROPE		
		GB 1 577 797	10/29/1980	GREAT BRITAIN		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)						
		MAIO et al.; "Direct Gray-Scale Minutiae Detection in Fingerprints", IEEE Transactions on Pattern Analysis and Machine Intelligence, IEEE Inc., New York, USA, Vol. 19, No. 1, 1997, pp. 27-40, XP000682681.				
		RODRIGUEZ et al., "3D-Curve Similarity Using Fuzzy String Matching", Fuzzy Systems, 1997, Proceedings of the Sixth IEEE International Conference on Barcelona, Spain 1-5 July 1997, New York, USA, IEEE, US, 1 July 1997, pp. 79-82, XP010241888.				
		QINGHAN XIAO et al., "Fingerprint Image Postprocessing: A Combined Statistical and Structural Approach", Pattern Recognition, Pergamon Press Inc., Elmsford, NY, USA, Vol. 24, No. 10, 1991; pp. 985-992, XP000243560.				
		BRAUL J-J et al., "A Complexity Measure of Handwritten Curves: Modeling of Dynamic Signature Forgery", IEEE Transactions of Systems, Man and Cybernetics, IEEE Inc., New York, USA, Vol. 23, No. 2; 1 March 1993, pp. 400-412; XP000398703.				
		FARINA et al., "Fingerprint Minutiae Extraction from Skeletonized Binary Images", Pattern Recognition, Pergamon Press Inc., Elmsford, NY, USA, Vol. 32, No. 5, May 1999, pp. 877-889, XP004222753.				
EXAMINER				DATE CONSIDERED		
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						